APPLICANTS FOR DO/EO/US Shinichi AYABE, Toshio AOKI and Tomoyoshi AKASHI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- 1. [XX] This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
- 2. [ ] This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
- 3. [XX] This express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(l).
- I A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
- 5. [XX] A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. [ ] is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. [XX] has been transmitted by the International Bureau.
  - c. [ ] is not required, as the application was filed in the United States Receiving Office (RO/US).
- [XX] A translation of the International Application into English (35 U.S.C. 371(c)(2)) (43 pages and 11 sheets of drawings (Figs. 1-14).
- 7. [XX] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(C)(3))
  - a. [ ] are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. [ ] have been transmitted by the International Bureau.
  - c. [ ] have not been made; however, the time limit for making such amendments has NOT expired.
  - d. [XX] have not been made and will not be made.
- 8. [ ] A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- 9. [XX] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- 10. [ ] A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11. to 16. below concern other document(s) or information included:
- 11. [ ] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- 12. [ ] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- 13. [ ] A FIRST preliminary amendment.
  - [ ] A SECOND preliminary amendment.
- 14. [ ] A substitute specification.
- 15. [ ] A change of power of attorney and/or address letter.
- 16. [XX] Other items or information:
  - a. WO 00/46356

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U.S. Application No. International Application No. Attorney's Docket No. 09/890646 PCT/JP00/00596 JKM-001 CALCULATIONS PTO USE ONLY 17.[XX] The following fees are submitted: Basic National Fee (37 CFR 1.492(a)(1)-(5): Search Report has been prepared by the EPO or JPO . . . \$860.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) \$690.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) . . . \$700.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO . . . \$1,000.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) . . . \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT 860.00 Surcharge of \$130.00 for furnishing the oath or declaration later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(e)). CLAIMS NUMBER FILED NUMBER EXTRA RATE Total claims 41 - 20 21 x \$ 18.00 378.00 9 Indep. claims 12 x \$ 80.00 \$ 720.00 + \$ 270.00 \$ Multiple dependent claim(s) (if applicable) 270.00 ij TOTAL OF ABOVE CALCULATIONS \$ 2,228.00 Reduction by ½ for filing by small entity, if applicable. (Note 37 CFR 1.27 & 1.28). \$ 1,114.00 \$ SUB TOTAL 1,114.00 Processing fee \$130.00 for furnishing the English translation later than [ ] 20 [ ] 30 \$ 0.00 months from the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = \$ 1,114.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property \$ 0.00 TOTAL FEES ENCLOSED = \$ 1,114.00 Amount to be refunded: charged a. [XX] Check in the amount of \$1.114.00 to cover the above fees are enclosed. b. [ ] Please charge my Deposit Account No. 111833 in the amount of \$\_\_\_\_\_ to cover the above fees. c. [XX] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 111833. Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to review (37 CFR NOTE: 1.137(a) or (b) must be filed and granted to restore the application to pending status SEND ALL CORRESPONDENCE TO: Signature KUBOVCIK & KUBOVCIK <u>Keiko Tanaka Kubovcik</u> The Farragut Building Name Suite 710 40,428 900 17th Street, N.W. Registration Number Washington, D.C. 20006 August 2, 2001 KTK/esc